AUTODOC CLUB

How to change front lower arm on **Ford Mondeo BWY** – replacement guide

VIDEO TUTORIAL

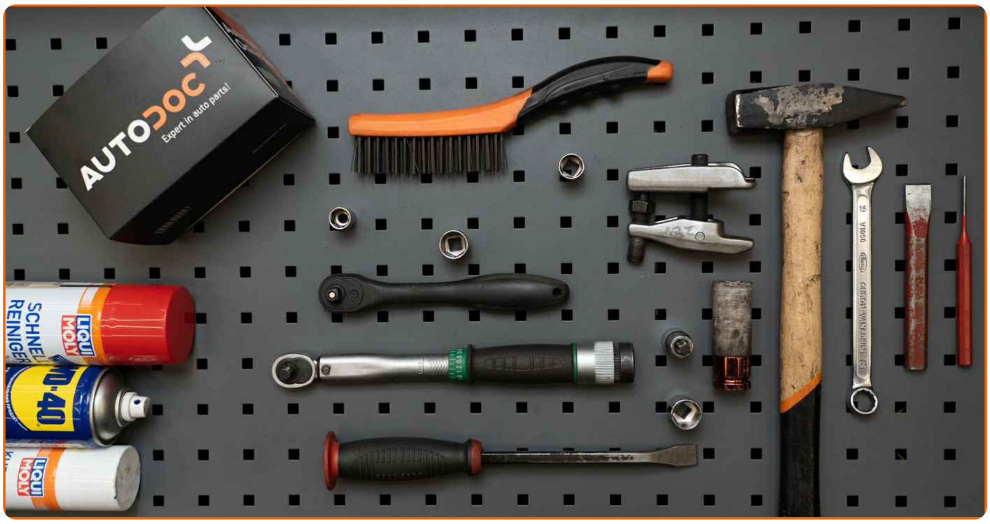


Important!

This replacement procedure can be used for:
FORD MONDEO III Estate (BWY) 2.2 TDCi, FORD MONDEO III Saloon (B4Y) 1.8 16V, FORD MONDEO III Saloon (B4Y) 2.0 16V, FORD MONDEO III Saloon (B4Y) 2.5 V6 24V, FORD MONDEO III Saloon (B4Y) 2.0 16V DI / TDDi / TDCi, FORD MONDEO III Saloon (B4Y) 2.0 16V TDDi / TDCi, FORD MONDEO III (B5Y) 1.8 16V, FORD MONDEO III Estate (BWY) 1.8 16V, FORD MONDEO III (B5Y) 2.0 16V, FORD MONDEO III Estate (BWY) 2.0 16V, FORD MONDEO III (B5Y) 2.5 V6 24V, FORD MONDEO III Estate (BWY) 2.5 V6 24V, FORD MONDEO III (B5Y) 2.0 16V DI / TDDi / TDCi, FORD MONDEO III Estate (BWY) 2.0 16V DI / TDDi / TDCi, FORD MONDEO III (B5Y) 2.0 16V TDDi / TDCi, (+ 15)

The steps may slightly vary depending on the car design.

REPLACEMENT: FRONT LOWER ARM – FORD MONDEO BWY. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #15
- Drive socket # 10
- Drive socket # 15
- Drive socket # 18
- Drive socket # 21
- Torx bit T55
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Tap wrench
- Hammer
- Pin punch
- Flat Screwdriver
- Crow bar
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: front lower arm – Ford Mondeo BWY. AUTODOC recommends:

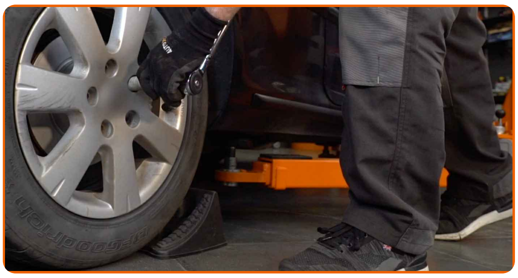
- The replacement procedure is identical for the left and right lower control arms.
- All work should be done with the engine stopped.

REPLACEMENT: FRONT LOWER ARM – FORD MONDEO BWY. USE THE FOLLOWING PROCEDURE:

1 Secure the wheels with chocks.



2 Loosen the wheel mounting bolts. Use wheel impact socket #19.



3 Raise the front of the car and secure on supports.

4 Unscrew the wheel bolts.



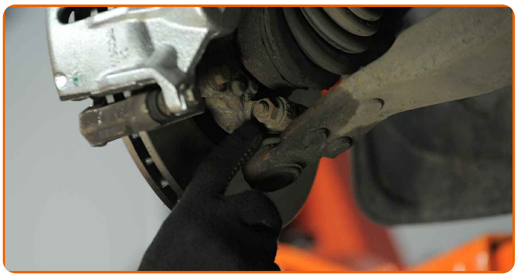
Replacement: front lower arm – Ford Mondeo BWY. Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

5 Remove the wheel.



6 Clean the fastener connecting the ball joint to the steering knuckle. Use a wire brush. Use WD-40 spray.



7 Unscrew the ball joint fastening to the steering knuckle. Use Torx T55. Use a drive socket #18. Use a tap wrench. Use a ratchet wrench.



8 Remove the fastening bolt. Use a hammer.

9 Clean the fasteners connecting the control arm to the subframe. Use a wire brush. Use WD-40 spray.



10 Unscrew the front arm fastener. Use a drive socket #15. Use a tap wrench.



11 Disconnect the ball joint from the steering knuckle. Use a crowbar.

12 Unscrew the rear fastener connecting the control arm to the subframe. Use a combination spanner #15. Use a drive socket #18. Use a ratchet wrench. Use a pin punch. Use a hammer.



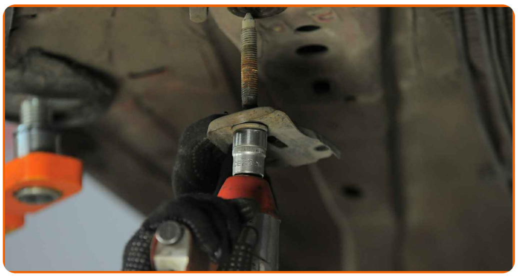
13 Remove the front fastener of the control arm. Use a crowbar.

14 Unscrew the fastener of the bracket that connects the control arm to the car body. Use a drive socket #10. Use a drive socket #21. Use a ratchet wrench.

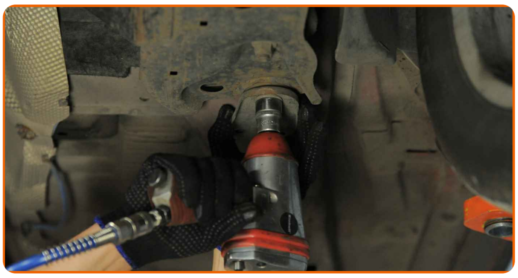


15 Remove the fastening bolts.

16 Dismantle the retainer.



17 Unscrew the fastener of the bracket that connects the control arm to the car body. Use a drive socket #21. Use a ratchet wrench.



18 Support the arm. Use a hydraulic transmission jack.



19 Remove the fastening bolt.

20 Dismantle the retainer. Remove the support from under the arm.



AUTODOC recommends:

- Replacement: front lower arm – Ford Mondeo BWY. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

21 Remove the rear fastener of the control arm. Use a crowbar.

22 Remove the arm.



23 Clean the mounting seats and the thread of the suspension arm. Use a wire brush. Use WD-40 spray.

24 Install a new arm.



Replacement: front lower arm – Ford Mondeo BWY. AUTODOC experts recommend:

- During the installation process, use only new bolts and nuts.
- Do not damage the ball joint cover.

25 Install the rear fastener of the control arm. Use a crowbar.



26 Support the arm. Use a hydraulic transmission jack.



27 Install the bracket onto the new arm.



28 Install the fastening bolt.



29 Tighten the fastener of the bracket that connects the control arm to the car body. Use a drive socket #21. Use a torque wrench. Observe the recommended tightening torque.



30 Install the bracket onto the new arm.

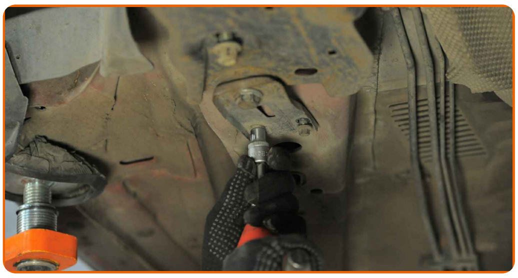
31 Install the fastening bolts.



32 Tighten the fastener of the bracket that connects the control arm to the car body. Use a drive socket #21. Use a torque wrench. Observe the recommended tightening torque.



33 Tighten the fastener of the bracket that connects the control arm to the car body. Use a drive socket #10. Use a torque wrench. Observe the recommended tightening torque.



34 Remove the support from under the arm.

AUTODOC recommends:

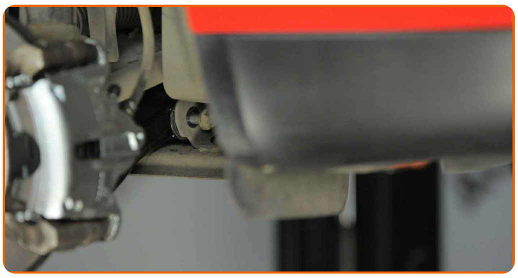
- Ford Mondeo BWY – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

35 Connect the ball joint to the steering knuckle. Use a crowbar.



36 Install the fastening bolt. Use a hammer.

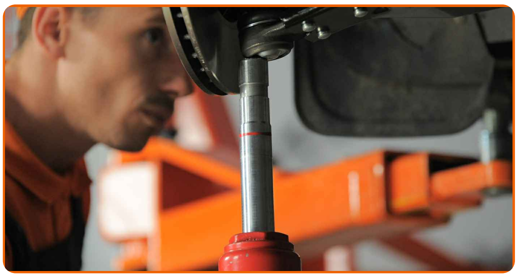
37 Install the front fastener of the arm. Use a flat screwdriver.



38 Screw the front arm fastener. Use a drive socket #15. Use a ratchet wrench.



39 Support the arm. Use a hydraulic transmission jack.



40 Tighten the front fastener connecting the control arm to the subframe. Use a drive socket #15. Use a torque wrench. Tighten it to 80 Nm torque.+60°



AUTODOC recommends:

- Important! Be sure to use new fasteners.

41 Remove the support from under the arm.



Replacement: front lower arm – Ford Mondeo BWY. Tip from AUTODOC experts:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

42 Tighten the rear fastener of the control arm. Use a combination spanner #15. Use a drive socket #18. Use a torque wrench. Tighten it to 90 Nm torque.+60°

AUTODOC recommends:

- Important! Be sure to use new fasteners.

43 Tighten the ball joint fastener. Use Torx T55. Use a drive socket #18. Use a torque wrench. Tighten it to 83 Nm torque.



44 Treat all joints of the arm. Use copper grease.

45 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



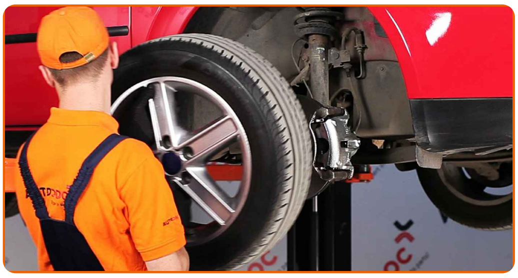
46 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: front lower arm – Ford Mondeo BWY. After applying the spray, wait a few minutes.

47 Install the wheel.



Replacement: front lower arm – Ford Mondeo BWY. Tip from AUTODOC:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

48 Screw in the wheel bolts. Use wheel impact socket #19.



49 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 90 nm torque.



50 Remove the jacks and chocks.

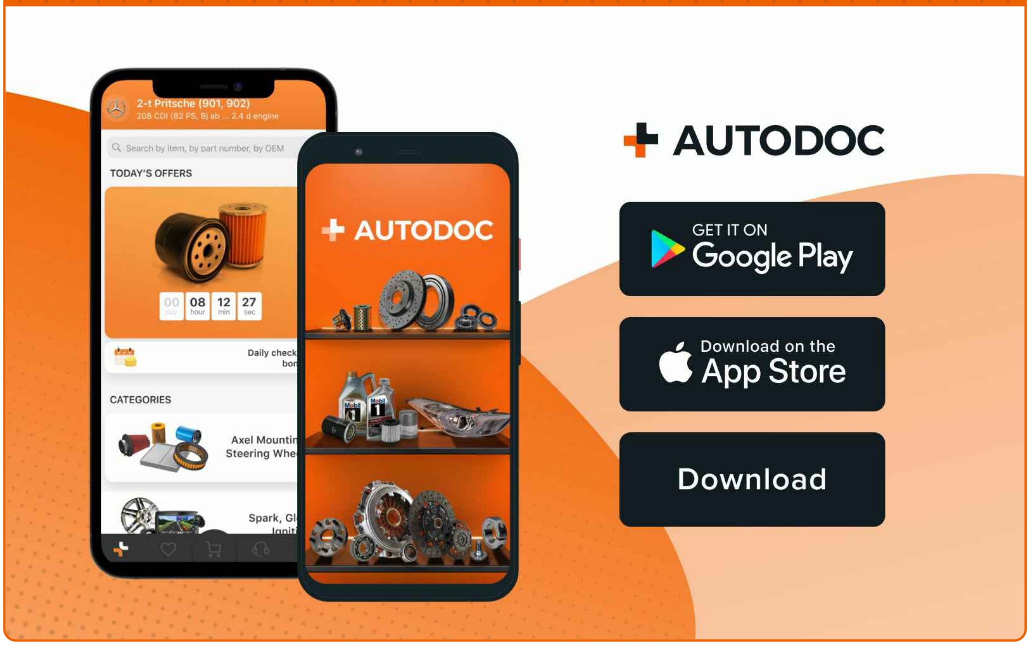


WELL DONE!

VIEW MORE TUTORIALS

AUTODOC — TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

BUY SPARE PARTS FOR FORD

CONTROL ARM: A WIDE SELECTION

CHOOSE CAR PARTS FOR FORD MONDEO BWY

CONTROL ARM FOR FORD: BUY NOW

CONTROL ARM FOR FORD MONDEO BWY: THE BEST DEALS & OFFERS

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.